

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/003004

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F11/14 G07F7/10 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC, COMPENDEX, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 271 317 A (NAGRACARD S.A) 2 January 2003 (2003-01-02) paragraphs '0001! - '0017!, '0020!, '0036! - '0038! claims 1,17,18	1-6,9-11
Y	THANH NGUYEN: COTS JOURNAL, 'Online! December 2001 (2001-12), pages 14-20, XP002317390 Retrieved from the Internet: URL: http://www.rtcgroup.com/cotsjournal/pdfs/2001/12/cots12-ruggeside.pdf 'retrieved on 2005-02-11! page 14, middle column, lines 5-8 page 14, right-hand column, lines 4-12 page 18, right-hand column, lines 3-35; figure 4	1-6,9-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

02/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ROTENBERG E ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "AR-SMT: A MICROARCHITECTURAL APPROACH TO FAULT TOLERANCE IN MICROPROCESSORS" 29TH ANNUAL INTERNATIONAL SYMPOSIUM ON FAULT-TOLERANT COMPUTING. DIGEST OF PAPERS. (FTCS-29). MADISON, WI, JUNE 15 - 18, 1999, ANNUAL INTERNATIONAL SYMPOSIUM ON FAULT-TOLERANT COMPUTING, LOS ALMITOS, CA : IEEE COMP. SOC, US, 15 June 1999 (1999-06-15), pages 84-91, XP000873029 ISBN: 0-7803-5763-9 page 85, left-hand column, line 1 - page 86, left-hand column, line 20 -----	5
A	US 5 488 716 A (SCHNEIDER ET AL) 30 January 1996 (1996-01-30) column 3, line 42 - line 48 column 4, line 48 - line 65 figure 1 -----	1,10,11
A	GB 2 353 113 A (* SUN MICROSYSTEMS, INC) 14 February 2001 (2001-02-14) cited in the application abstract -----	1,10,11